



SUPPLY AND EXHAUST VENTILATION SYSTEM WITH ENERGY RECOVERY **KDC2 SERIES**



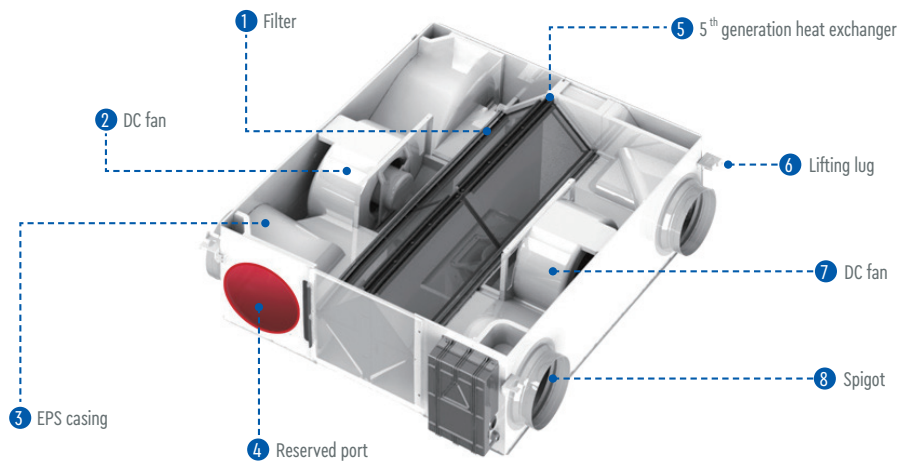
Wi-Fi

Optional

FEATURES

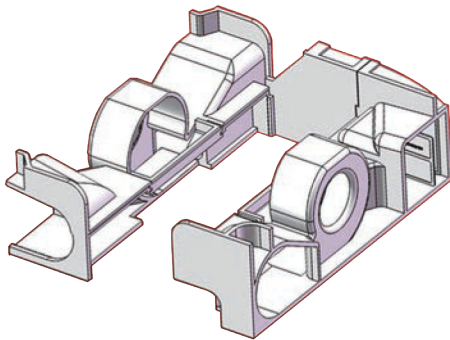
- 5th generation enthalpy heat exchanger with increased energy efficiency, up to 87%;
- DC motor in plastic casing, 10 airflow control speeds;
- Supply and exhaust air purification with G3 class filter;
- Automatic bypass;
- Two types of installation – side connections for fresh and exhaust air;
- Remote control system via Wi-Fi via Android/ IOS application (optional).

DESING



CASE

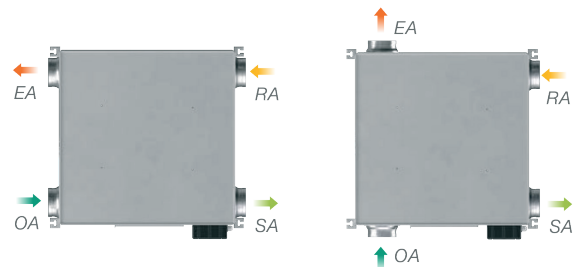
- Fan casing provides better insulation, airtightness and reduces noise
- Fans are mounted in the middle for greater stabilization of the airflow to have better heat transfer efficiency.



FLEXIBLE CONNECTION

Two connection options are available

- Parallel air flow (standard)
- Side connections for fresh air and exhaust air.



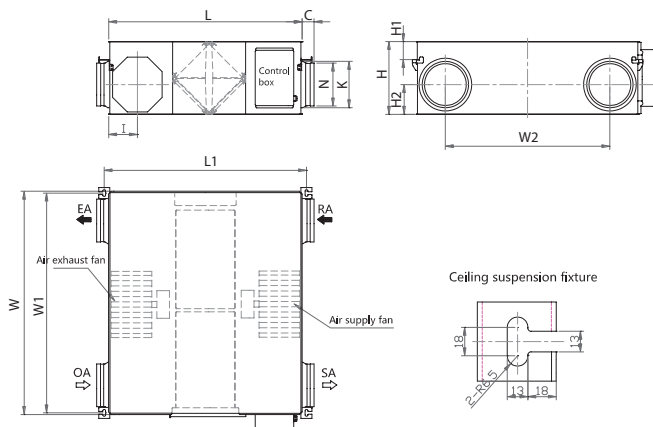
5TH GENERATION HEAT EXCHANGER

- New ER paper with up to 87% higher heat exchange efficiency.
- The enthalpy heat exchanger returns heat and moisture from the exhaust air to the supply air, reducing heating and humidification costs.
- The heat exchanger materials are mold resistant
- The integrated structure has better air tightness.

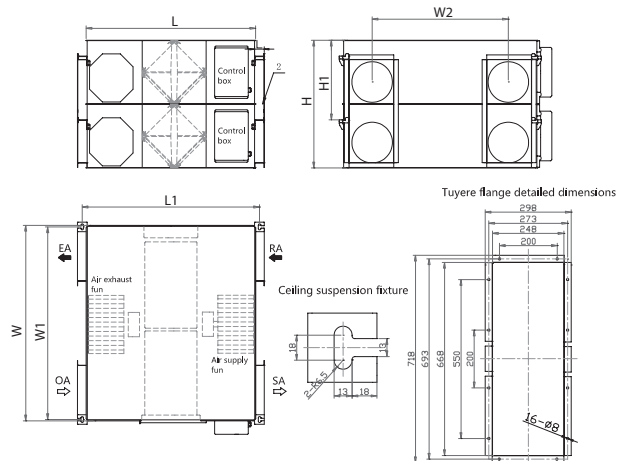


OVERALL DIMENSIONS

CH-HRV1.5~10KDC2



CH-HRV15~20KDC



Model	L	L1	W	W1	W2	H	H1	C	G	N
CH-HRV1.5KDC2	780	819	610	594	450	289	78	53	Ø 95	Ø 110
CH-HRV2.5KDC2	780	819	735	719	526	289	78	58	Ø 144	Ø 160
CH-HRV3.5KDC2	884	922	874	958	650	331	81	58	Ø 144	Ø 160
CH-HRV5KDC2	884	922	1016	1000	750	331	81	61	Ø 195	Ø 211
CH-HRV6.5KDC2	908	947	954	935	692	404	71	61	Ø 195	Ø 211
CH-HRV8KDC2	1144	1182	1004	986	690	404	82	62	Ø 244	Ø 261
CH-HRV10KDC2	1144	1182	1231	1213	917	404	82	62	Ø 244	Ø 261
CH-HRV15KDC2	1144	1182	1004	986	690	808	82	108	248*668	-
CH-HRV20KDC2	1144	1182	1231	1213	917	808	82	108	248*668	-

TECHNICAL SPECIFICATIONS

Model	Item	CH-HRV1.5KDC2	CH-HRV2.5KDC2	CH-HRV3.5KDC2	CH-HRV5KDC2	CH-HRV6.5KDC2	CH-HRV8KDC2	CH-HRV10KDC2	CH-HRV15KDC2	CH-HRV20KDC2
Air flow volume	m³/h	150	250	350	500	650	800	1000	1500	2000
Energy efficiency rate	Heating	73-79	70-83	72-84	69-83	69-82	71-82	73-87	72-82	73-87
	Cooling	71-79	68-83	71-82	67-82	66-81	70-81	71-86	71-81	71-86
Thermal efficiency rate	%	80-84	79-86	80-89	78-87	77-86	79-85	80-90	80-85	80-90
Sound pressure	dB(A)	29	28	32	34	35	35	37	39	40
Power supply	V/Hz/Ph	220-240/1/50								
Output power	W	58	62	140	165	252	335	420	670	850
Weight	kg	20	23	30	33	38	48	54	98	112
Dimensions (WxHxD)	mm	780×289×610	780×289×735	884×331×874	884×331×1016	908×404×954	1144×404×1004	1144×404×1231	1144×808×1004	1144×808×1231

PERFORMANCE CHART

